

Substitute for form 1449/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/526,125
				Filing Date	(Intl.) September 1, 2003
				First Named Inventor	Mariagrazia PIZZA
				Art Unit	1652
				Examiner Name	G. Raghu
Sheet	1	of	2	Attorney Docket Number	PAT051728-US-PCT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US-7,115,730-B1	10-03-2006	Pizza et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴

Examiner Signature	Date Considered
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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ⁴
	2.	ALA'ALDEEN, D. et al. (1996). "Cloning, Sequencing, Characterization and Implications for Vaccine Design of the Novel Dihydropolyl Acetyltransferase of Neisseria Meningitidis," <i>Journal of Medical Microbiology</i> 45:419-432.				
	3.	Database Accesion No. AX236858, last updated September 26, 2001, located at < http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&id=15796444 >, last visited on January 26, 2009, 1 page.				
	4.	Database EMBL Accesion No. AE002482, last updated May 25, 2000, located at < http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&id=7226577 >, last visited on January 22, 2009, 8 pages.				
	5.	Database EMBL Accesion No. AX044032, last updated November 24, 2000, located at < http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&id=11342916 >, last visited on January 23, 2009, 99 pages.				
	6.	Database EMBL Accesion No. CAA41592, last updated September 23, 1991, located at < http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=protein&id=48421 >, last visited on January 23, 2009, 2 pages.				
	7.	Database EMBL Accesion No. X77920, last updated May 14, 1999, located at < http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&id=534954 >, last visited on January 22, 2009, pages.				
	8.	Database EMBL Accesion No. X82637, last updated January 7, 1997, located at < http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=nucleotide&id=577781 >, last visited on January 22, 2009, 3 pages.				
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	10.	Database EMBL Accesion No. AAA81487 DATABASE EMBL [Online] 4 December 2000 (2000-12-04) FRAZER, C.M. et al. (2000-04-20). "N. meningitidis partial DNA sequence gnm_35 SEQ ID No. 35" retrieved from EBI				

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11.	Database EMBL Accession No. AAY96654 DATABASE EMBL [Online] MASON, H. S. AND ARNTZEN, C.J. (2000-06-29): "Plant-optimized mutant V.cholera toxin subunit K63" retrieved from EBI Database accession no. AAY96654 XP002239411.	
12.	FREYTAG, L.C. et al. (1999). "Bacterial Toxins as Mucosal Adjuvants," <i>Current Topics in Microbiology and Immunology</i> 236:215-236.	
13.	GLENN, G. et al. (1999). "Advances in Vaccine Delivery: Transcutaneous Immunisation," <i>Expert Opinion on Investigational Drugs</i> 8(6):797-805.	
14.	International Search Report mailed on January 12, 2004, for PCT Application Number PCT/IB03/04295 filed on September 1, 2003, 3 pages.	
15.	International Search Report mailed on July 31, 2003, for PCT Application Number PCT/IB02/02080 filed on March 28, 2002, 7 pages.	
16.	KRUEGER, K. et al. (1995). "The Family of Bacterial ADP-ribosylating Exotoxins," <i>Clinical Microbiology Reviews</i> 8:34-47.	
17.	SCHARTON-KERSTEN, T. et al. (2000). "Transcutaneous Immunization with Bacterial ADP-Ribosylating Exotoxins, Subunits, and Unrelated Adjuvants," <i>Infection and Immunity</i> 68(9): 5306-5313.	
18.	SEFFERNICK, J. et al. (2001). "Melamine Deaminase and Atrazine Chlorohydrolase: 98 Percent Identical but Functionally Different," <i>Journal of Bacteriology</i> 186:2405-2410.	
19.	WELLS, J. (1990). "Additivity of Mutational Effects in Proteins," <i>Biochemistry</i> 29:8509-8517.	
20.	WHISSTOCK, J.C. et al. (August 2003). "Prediction of Protein Function from Protein Sequence and Structure," <i>Quarterly Review of Biophysics</i> 36(3):307-340.	
21.	United States Office Action mailed on December 11, 2009, for U. S. Application No. 10/472,681 filed on September 2, 2004, 15 pages.	
22.	United States Office Action mailed on March 3, 2009, for U. S. Application No. 10/472,681 filed on September 2, 2004, 20 pages.	
23.	United States Office Action mailed on June 16, 2008, for U. S. Application No. 10/472,681 filed on September 2, 2004, 17 pages.	
24.	United States Office Action mailed on March 20, 2009, for U. S. Application No. 10/472,681 filed on September 2, 2004, 18 pages.	
25.	United States Office Action mailed on March 28, 2007, for U. S. Application No. 10/472,681 filed on September 2, 2004, 20 pages.	
26.	Response to United States Office Action mailed on September 28, 2007, for U. S. Application No. 10/472,681 filed on September 2, 2004, 15 pages.	
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28.	Response to United States Office Action mailed on August 17, 2009, for U. S. Application No. 10/472,681 filed on September 2, 2004, 13 pages.	
29.	Response to United States Office Action mailed on April 12, 2010, 2009, for U. S. Application No. 10/472,681 filed on September 2, 2004, 11 pages.	
30.	United States Office Action mailed on July 1, 2010, for U. S. Application No. 10/472,681 filed on September 2, 2004, 14 pages.	

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